

S7-1500 FRONT CONN. 40CORES H05V-K 6.5 M  
Front connector for SIMATIC S7-1500 40 pole (6ES7592-1AM00-0XB0) with 40 single cores 0.5 mm<sup>2</sup> Core type H05V-K Screw version L = 6.5 m



|                          |                                   |
|--------------------------|-----------------------------------|
| Target system            | SIMATIC S7-1500                   |
| Suitability for use      | Digital I/O modules               |
| Product type designation | Flexible connection               |
| Product designation      | Front connector with single cores |

| Product properties, functions, components / general |                                                                          |
|-----------------------------------------------------|--------------------------------------------------------------------------|
| Connector type                                      | <a href="#">6ES7592-1AM00-0XB0</a>                                       |
| Wire length                                         | 6.5 m                                                                    |
| Design of cable                                     | H05V-K                                                                   |
| Material / of the connecting cable sheath           | PVC                                                                      |
| Color / of cable sheath                             | blue                                                                     |
| RAL color number                                    | RAL 5010                                                                 |
| Outer diameter / of cable sheath                    | 2.2 mm; bundled single cores                                             |
| Conductor cross section / Rated value               | 0.5 mm <sup>2</sup>                                                      |
| Marking / of cores                                  | Number consecutively from 1 to 40 in white adapter contact = core number |
| Type of connecting terminal                         | Screw-type terminal                                                      |
| Number of channels                                  | 40                                                                       |
| Number of poles                                     | 40; of the front connector                                               |

### Operating data

|                                                                                        |                |
|----------------------------------------------------------------------------------------|----------------|
| Operating voltage / at DC                                                              |                |
| • Rated value                                                                          | 24 V           |
| • maximum                                                                              | 30 V           |
| Continuous current / with simultaneous load on all cores / at DC / maximum permissible | 1.5 A          |
| Ambient temperature                                                                    |                |
| • during storage                                                                       | -30 ... +70 °C |
| • during operation                                                                     | 0 ... 60 °C    |

| General data                                |                     |
|---------------------------------------------|---------------------|
| Certificate of suitability / cULus approval | No                  |
| Suitability for interaction                 |                     |
| • Input card PLC                            | Yes                 |
| • PLC output card                           | Yes                 |
| Suitability for use                         |                     |
| • digital signal transmission               | Yes                 |
| • analog signal transmission                | No                  |
| Type of electrical connection               |                     |
| • in the field                              | other               |
| • on enclosure                              | Screw-type terminal |
| Equipment marking / acc. to DIN EN 81346-2  | W                   |
| Net weight                                  | 2.77 kg             |